NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
9452			
37810			
9452			
945			
14/04			
71763=0			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

B R-78 29-5-15

249936

erial No. 1st and final Bill
ame of Work ..... From ..... To .....
ame of Contractor of nature of Agency ..... R. madhuvanan.
ate of commencement of work ..... D.O-Records 20/05/2015

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of works:- Laying and Asphalting to Siddalingeshwara, Layout balance Roads in Ward No. 09 of Hadyarayapalya Sub-Division.						
	Estimated cost Rs = R. 20.00 Lakh.						
	JOB. No. 009-14-000041 (Taken from Ann. 2014-15 - P. 2415)						
	Work order No EE(BTP)/E-pmt/09(16)14/WO/327/2014-15 Dt. 25.02.2015						
1	Earthwork excavation by manual means in ordinary soil						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including an average horizontal throw upto 2m and an average lift upto 0.90m, excavated surface levelled and sides neatly dressed						
						Qty vide Abstract Sheet No.	
						1	361.343	34.84	27	339.00
2)	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable material with lead of 100mt, sequential spreading the salvaged aggregate with fresh aggregate on prepared base and consolidating as per Water bound macadam specification including cost of all material, labour and machinery etc complete as						

Date	Full description, etc, of work
1	2
	per specification and Work.
3)	providing, laying, spread aggregate to Wet m... providing the mater... mix plant carriage ... site laying in uniform base course on We...

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
thing upto 2m and as areas levelled and finishing wide this MB p 249982 No. ① = 361·343 @ 4.84/1, 27				
layer upto 75mm thick ue, picking up & carted ecycle material with of the salvaged aggregate base and consolidating pecification including cost ances etc complete as				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249937

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	per specification and direction of Engineer-In-charge of work.						
	Qty as per this MB p. 249984 No. ① = 1983.31					20038.00	
3)	providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including providing the material with water at one in mechanical mix plant carriage of mixed material by tipper to site laying in uniform layers with paver in Sub-base/ base course on well prepared subgrade and compacting					162849 m²	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing and applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 1.10 kg/m² over prepared surface with S.S. bitumen emulsion using bitumen tanker fitted with spray set including cost of all materials labour, Hire of machineries etc complete as per specification and direction of Engineer-In-Charge of work. Qty as per Item No. ④ : 3111 m² @ ₹73.77/m²					2604.92 2294980 191917=	
6)	Providing and laying dense bituminous Concrete 25mm thick Asphalt Plant batch type Hmp producing						

erial No. .....
ame of Work .....
ame of Contractor of nature of A
ate of commencement of work .

Date	Full description, etc, of
1	2
	an average ov specified gr 4.5 to 5% of h site, laying in tender-control Asphalt Mixin activity de No. 500 of with 80/100

OOK

Depth 6	Contents 7	Reference to last Measurement 8
ees of mecking		
.10 kg/cm² over		
using bitumen		
all materials		
as per specifi-		
work.		
2601 Sq		
④ 3.14 x 2	229498.0	
₹73.77/		
	191947/-	
- Concrete		
pproaching		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249940

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	an average output of 75 t/per hr using crushed aggregate of specified grading, premixed with bituminous binder @ 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying in with hydrostatic paver finisher with sender-control to the required level and alignment, Rolling with smooth wheeled, vibrating and tandem Rollers to achieve desired compaction as per specifications clause no. 510. & complete in all respects as per specifications with 80/100 grade bitumen, etc complete as per specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and directions of Engineer-in-charge of the Work.						
	a) Depression filling				Dup		
		1	5.10	2.50	0.025	0.32	
		1	10.80	2.80	0.025	0.76	
		1	8.40	3.10	0.025	0.62	
		1	12.40	3.40	0.025	0.90	
		1	9.20	2.90	0.025	0.64	
		1	15.80	3.50	0.025	1.38	
		1	13.40	3.40	0.025	1.14	
	b) Middle longitudinal length						
	from - Row-1 from	1	30.40	$\frac{8.40+6.20}{2}$	0.025	5.33	
	Middle from Row-1						
	(C. Wall to 180.90m)	1	30.40	$\frac{6.2+4.9}{2}$	0.025	4.16	

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work
1	2
	(c) Krishna street - Agency length (C. Wall to 124.50m)

NT BOOK

Dimensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ge of the work.			
2.50	0.025	0.32	
2.80	0.025	0.76	
3.10	0.025	0.62	
3.60	0.025	0.90	
2.90	0.025	0.64	
3.50	0.025	1.38	
3.40	0.025	1.14	
$\frac{8.40+6.20}{2}$	0.025	5.3343	
$\frac{6.2+4.9}{2}$	0.025	4.16	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249941

erial No. .....

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(c) Krishna street Agency Ground (0.40 to 124.50 M)	1	30.40	$\frac{4.9+4.6}{2}$	0.025	3.56	
		1	30.40	$\frac{4.6+4.5}{2}$	0.025	3.41	
		1	30.90	$\frac{4.5+5.5}{2}$	0.025	3.86	
		1	30.40	$\frac{4.5+4.5}{2}$	0.025	3.38	
		1	30.40	$\frac{4.6+5.2}{2}$	0.025	3.60	
		1	30.40	$\frac{5.0+4.65}{2}$	0.025	3.62	
		1	30.40	$\frac{4.65+4.5}{2}$	0.025	3.43	
		1	22.40	$\frac{4.5+3.9}{2}$	0.025	2.31	
		1	12.00	3.90	0.025	1.24	

C & CC

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(d) Yamuna Street	1	30.00	$\frac{5.3+4.8}{2}$	0.025	3.83	
		1	30.00	$\frac{4.8+4.0}{2}$	0.025	3.36	
		1	30.00	$\frac{4.0+4.7}{2}$	0.025	3.26	
		1	29.50	$\frac{4.7+5.6}{2}$	0.025	3.80	
	(e) L.G Enclosure 2nd Cross Road (0.00 to 55.00m)	1	30.00	$\frac{6.35+5.8}{2}$	0.025	4.63	
		1	25.00	$\frac{5.8+5.2}{2}$	0.025	3.44	
	(d) L.G. Enclosure 3rd Cross Road (0.00 to 44.104)	1	30.00	$\frac{5.0+4.3}{2}$	0.025	3.49	
		1	14.10	$\frac{4.3+4.3}{2}$	0.025	1.53	
	(e) Siddalingeshwara Main Road (fm. 180.90 to 300.90mt)	1	30.00	$\frac{4.2+4.5}{2}$	0.025	3.46	

C & FC
28/5/15

7) Lead for Disposal ... rated by mechanical ... fm. no. to ... of work.

T BOOK

ions		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
3+4.9 / 2	0.025	3.83	
4+4.9 / 2	0.025	3.34	
+4.7 / 2	0.025	3.24	
7+5.6 / 2	0.025	3.80	
5+5.8 / 2	0.025	4.63	
+5.2 / 2	0.025	3.44	
4.3	0.025	3.49	
4.3	0.025	1.53	
4.5	0.025	3.44	

C & FL
28/5/15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249942

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	4.5+4.4/2	0.025	3.34	
		1	30.00	4.4+4.2/2	0.025	3.23	
		1	30.00	4.2+4.5/2	0.025	3.26	
						84.24 m³	
						84.00	920581.00
	7) Lead for Disposal of debris shall be payable at rates by mechanical means including loading and unloading from sr. no. 2 above as per directions of Engineer-in-charge of work.					Contd.	
							22432.00

₹ 7700.00

10959.34/43 Add. 70.99 Total 84.00

Qty as per Sr. No. (1)

308y³² 324.83y³

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Abstract		Total no. 308.00			m^3	22432.00
						@ 72.83/m^3	
						Total.	1958888.00
							16,18,136
	Certificate						
	(1) Certified that the contractor has work done satisfactorily.						
	(2) the contractor has removed the debris from work site						
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97						

Note- Work done details p.no. 45

Date	Full description, etc, of work
1	2
	3RD CR, 2ND CR, 1ST CR, 54.00 m, 55.00 m, L.C. Engelow - MOS Rd, Nagap

T BOOK

Dimensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
. 308.00		m^3	22432.00
		@ 72.83	m^3
		Total.	1958888.00
			16,18,136
work done			
e debris			

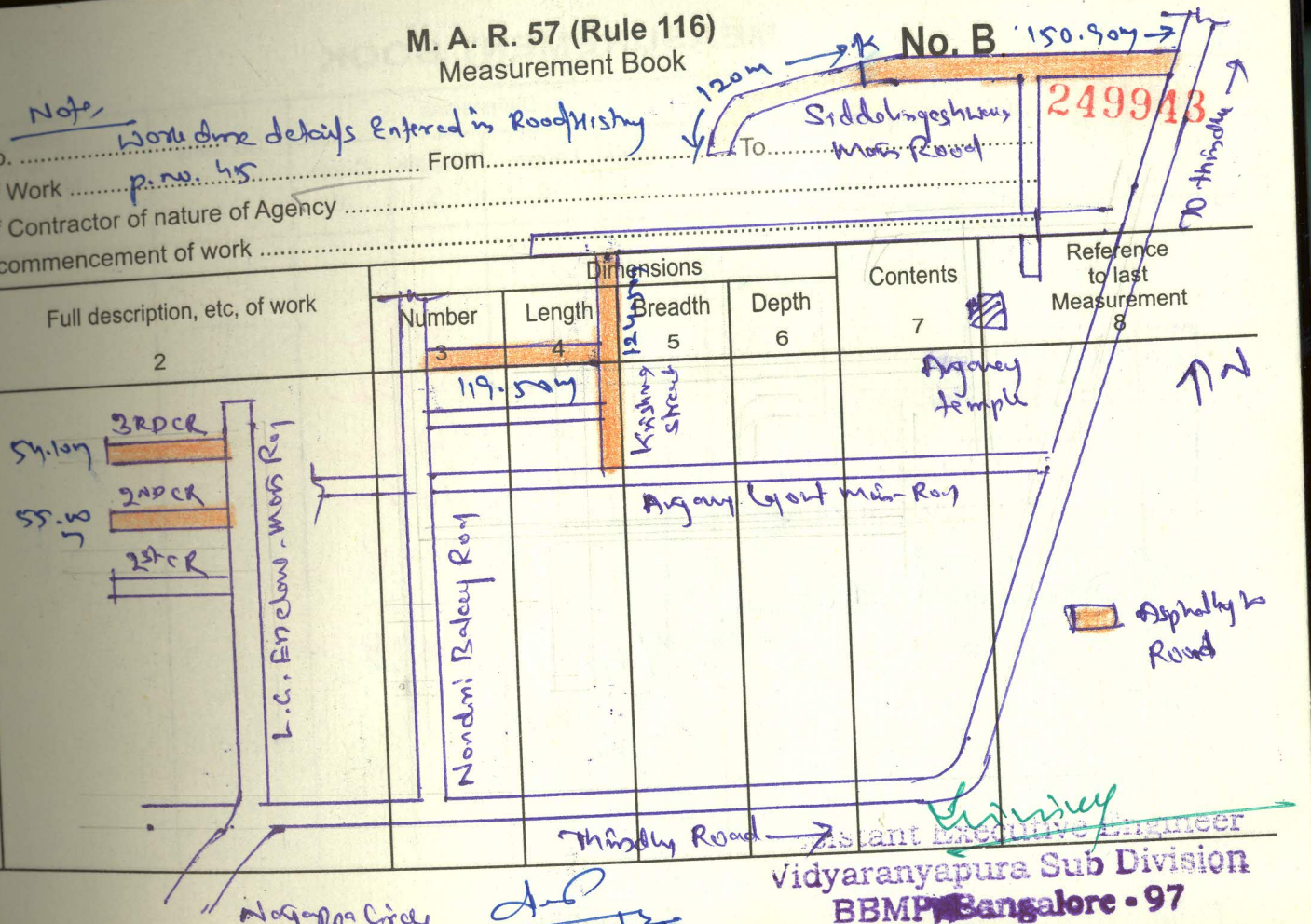
Executive Engineer
Division
, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Note
erial No. ..... Work done details Entered in Road History
ame of Work ..... p.no. 45 From ..... To .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
			119.50m	12.50m			



Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						IT — 16182 VAT — 64726 Cur — 16182 CBF — 1618 Roy — 26406 Total 125114	

Audited & Admitted for Rs 16,18,156

14,93,042 By Cheque

and Rs 125114 By agreement

14/11/16

ame of Work .....

ame of Contractor of nature of Ag

ate of commencement of work ...

Date	Full description, etc, of w
1	2